

SCOTT M. MATHESON  
Governor



OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

CHARLES R. HENDERSON  
*Chairman*

JOHN L. BELL  
C. RAY JUVELIN  
THADIS W. BOX  
CONSTANCE K. LUNDBERG  
EDWARD T. BECK  
E. STEELE MCINTYRE

CLEON B. FEIGHT  
*Director*

June 25, 1979

Ms. Pam Newman  
Administrative Assistant  
Plateau Resources Ltd.  
772 Horizon Drive  
Grand Junction, Colorado 81501

Re: Frank M. Mine  
Plateau Resources Ltd.  
Garfield County, Utah  
ACT/017/017

Dear Pam:

The Division has more completely identified its concerns on the proposed waste rock dump for the Frank M. Mine. Given that this dump is a canyon fill, the Division needs to be assured that the fill will be stable and non-impounding on the drainage. To this end, our Engineering Geologist, Mike Thompson, has outlined the information which will be needed by the Division in order to make a decision on the safety and non-impounding capacity of the fill.

1. Concerning the initial fill from the portal development to ensure mass stability and non-impoundment:
  - a) compute the volume of the development rock and,
  - b) compute the extent of the fill by the development rock and,
  - c) designate the area of disposal for the development rock and,
  - d) explain the method of disposal of the development rock including any compaction measures to be used and expected static safety factors.
2. Concerning the remaining canyon fill with mine waste rock to ensure mass stability and non-impoundment:
  - a) describe the sequential development of the fill and,
  - b) explain the method of disposal of the mine waste rock including any compaction measures and expected static safety factors and,
  - c) commit to the contemporaneous reclamation of the waste rock fill.

Should you have any questions concerning these requests, please do not hesitate to call.

Very truly yours,

MARY ANN WRIGHT  
RECLAMATION BIOLOGIST

MAW/pf